

Plastic Filling and Dental Pulp, by B. Maeglin,
6 pp.

GERMAN, per, Schweiz Monatschrift fuer
Zahnheilkunde, Vol LXII, No 7, Jul 1952,
pp 712-715.

NIN Tr No 5-14

Scientific - Medicine
Aug 1956 CRS/dex

37,336

Study of the Separation of γ -Picoline, by
Hirojuki Mima, Yoshiko Takeuchi, Hiroshi
Machura, 12 pp.

JAPANESE, per, Takeda Kenkyujo Hempo, (Annual
Reports of the Takeda Research Laboratory),
Vol. XII, Oct 1953, pp 80-85.

NIH

Scientific - Chemistry

CTS/DEX

19,501

Study of Nitrogen Content of Steel in a
Five-Ton Yawata Basic Oxygen LD Furnace,
by S. Maehara, S. Morita, et al.

JAPANESE, per, Tetsu to Hagane, Vol XLIV,
No 9, 1958, pp 1060-1062.

HB 5372

Sci-Materials & Metallurgy,
July 63

235,845

On the Efficient Use of the Tearing Ladles
in a Basic Oxygen LD Plant, by S.
Machara, S. Morita, H. Kokagawa.

JAPANESE, per, Tetsu to Hagane,
Vol XLVI, No 10, 1960, pp 1189-1191.

HB 5279

Sci - Mkin/Met
Jun 62

199,388

Production of Ship & Plate Steel in the
Basic Oxygen LD Furnace, by S.
Maehara, et al.

JAPANESE, per, Tetsu To Hagane,
Vol XLVII, No 3, 1961, pp 348-350.

HB 5229

Sci - Engr

Feb 62

182,772

On the Lining of Basic Oxygen [LD] Furnaces, by
S. Maehara, T. Kohtani.

JAPANESE, per, Tetsu to Hagane, Vol XV, No 9,
1959, pp 957-959.

HB 4943

Sci

Sep 61

170, 125

Production of Quality Low-Phosphorus,
High-Carbon Steel by the Basic Oxygen Pro-
cess [LD], by S. Mashara, et al.

JAPANESE, per, Tetsu To Hagane, Vol XLVII,
No 3, 1961, pp 345-348.

HB 5228

Sci - Chem
Dec 61

175,007

Rapid Phosphorus Elimination From the Basic
Oxygen [LD] Furnace Bath, by S. Maehara,
et al.

JAPANESE, per, Tetsu To Hagane, Vol XLVI,
No 3, 1960, pp 283-285.

HB 5122

Sci - Engr
Dec 61

175,004

Basic Oxygen (LD) Furnace Operated on High Hot
Metal Charges, by S. Machara, T. Kohtani, K. Tagiri.

JAPANESE, per, Tetsu to Hagane, Vol XLV, No 9,
1959, pp 959-961.

HB 4947

Sci -

Sep 61

170, 123

Sulfur Balance in a 50-Ton Oxygen Top-Blown LD
Furnace, by S. Machara, et al.

JAPANESE, per, Tetsu to Hagane, Vol XLVI, No 10,
1960, pp 1187-1189.

HB 5095

Sci - Chem

Apr 61

147,471

Basic Oxygen Made in a Five-Ton Pilot
Furnace, by S. Maehara, et al.
JAPANESE, per, Tetsu to Hagane, Vol 44, No 9,
1958, pp 1062-1068.
File 8307

S. Maehara

FE-Japan
Sci/M&M
Map 63

278,503

Investigations of Synthetic Peroxidases, by Hugo
Th. Correll, Andreas G. Mehly, 16 pp.

DANISH, per, Acta Ch^Emica Scandinavica, Vol. IV,
No 3, 1950, pp 422-434.

SLA 59-15177

Sci
Dec 59
Vol 2, No 5

103,537

Concerning the Iterative Solution of Algebraic
Equations, by Hans J. Maehly. UNCLASSIFIED

GERMAN, per, Zeit fuer Angew Mathemat und Physik,
Vol V, 1954, pp 260-263.

Navv Tr 1839/MRL 684

Sci - Math, Physics
Sep 58

74. 138

Effect of Titanium, Aluminum and Oxygen on the
Solubility of Nitrogen in Liquid Iron, by S.
Machawa, et al.

XLVI

JAPANESE, per, Tetsu to Hagane, Vol ~~XXXX~~, No 3,
1960, pp 241-243.

HB 4839

Sci - Chem

Apr 61

147,474

Nonmetallic Inclusions in Steel From Refractories
and Decidings, by S. Masuda, et al.
JAPANESE, per, Tetsu to Hagane, Vol III, No 10, 3,
1963, pp 433-434.
HB 6260

Sci-M & M
June 64

261,777

Relationship Between the Carbon Elimination
Reaction and the Nitrogen Removal From Liquid
Steel in Oxygen Steelmaking Processes, by S.
Makawa, et al.

JAPANESE, per, Tetsu to Hagane, Vol XLVI, No 10,
1960, pp 1233, 1234.

HB 5102

Sci - Chem
Apr 61

147,433

Effect of Nickel, Cobalt, Molybdenum, Chromium, and
Vanadium upon Solubility of Nitrogen in Liquid Iron,
by S. Maekawa et al,

JAPANESE, per, Tetsu to Hagane, Vol XLVI, No 3,
1960, pp 240-241.

HB 4838

Sci - Min/Met

13 Apr 61

145,071

Effect of Carbon, Silicon, and Manganese Upon
the Absorption of Nitrogen by Liquid Iron, by
Y. Nakagawa, S. Maekawa.

JAPANESE, per, Tetsu to Hagane, Vol XLV,
No 3, 1959, pp 255-257.

HB 4817

Sci - Min/Met

118,422

Jun 60

Mackawa, S. and others.
EFFECT OF TITANIUM, ALUMINUM AND OXYGEN
ON THE SOLUBILITY OF NITROGEN IN LIQUID
IRON. Jan/Feb 61, 1000 words.
Order from HB \$3.40

HB-4839

Trans. of Tetsu to Hagane (Japan) 1960 [v. 46] no. 3,
p. 241-243.

(Chemistry--Physical, TT, v. 5, no. 8)

61-12828

1. Nitrogen--Solubility
 2. Iron (Liquid)--Solvent properties
 3. Titanium--Chemical effects
 4. Aluminum--Chemical effects
 5. Oxygen--Chemical effects
- I. Mackawa, S.
 - II. HB-4839
 - III. Bratcher, Henry, Alhambra, Calif.

Office of Technical Services

Metallographic Analysis of the Nitrides of Aluminum,
Titanium and Zirconium in Low-Carbon Steel, by
Sh. Masakawa et al.

JAPANESE, per, Tetsu To Hagane, Vol XLIX, 1963, No 3,
pp 634-36.

OCT 13

HB 6051

OCT 13

Met & Met

Oct 63

~~345,159~~

345,159

10
Initiator Reactivities in Graft Copolymerization
by T. Maekawa, K. Hayashi.
JAPANESE, per, Kobunshi Kagaku, Vol 21, No 229,
1964, pp 323-327.
NTC-69-16299-111

T. Maekawa

Sci-Materials
Feb 70

402, 2904

Transition Caused by the Laminar Flow Separation, by
T. Hasekawa, S. Atsumi, 14 pp.

Full translation.

Journal,
JAPANESE, Society of Applied Mechanics of Japan,
Vol I, No 6, Nov 1948, pp 187-192.

EACA TM 1352

FI - Japan
Scientific - Geophysics, Laminar Flow separation

=
Oct 52 CTB/DEX

A-360

Machines for Straightening Round Bars, Tubes, and
Sections, by Mackelt. UNCLASSIFIED

GERMAN, per, Werkstattstechnik u Maschinenbau,
Vol XLVI, 1956, pp 603-611.

British Don + Star Line
~~Co-op Tr Scheme~~
Tr 884

Sci - Eng
Apr 58

62,594

Determination of Stress in Blanks and
Press Force in Deep Drawing and Stretching
With Various Drawing Ratios, by H. Mackelt. 10 p.
GERMAN, per, Forschungsgesellschaft Blechverarbei-
tung e. V. Mitteilungen, No 5, 1960, pp 50-55.
SLA TT-66-10711

H. Mackelt

Sci-Engr
Jul 66

306,145

Graphical Method for Determining Forces and Power
Requirements in Drawing Bars and Tubes, by
H. Maekelt. UNCL

GERMAN, per, Industrie-Anzeiger, 19 May 1959,
pp 28-31.

BISI 1689

Sci - Engr; Math
May 60

(L3. Os.Od.)

115,642

Maematsu, Rokuro and Shozuki, Kamekawa.
THE FUNDAMENTAL EXPERIMENTS ON THE MANU-
FACTURE OF NYLON PAPER. Pt. I of Studies on the
Utilization of Synthetic Fibre. [1960] 11p. (5 figs.
omitted) 11 refs.
Order from SLA \$1.60

Trans. of Tappi [sic] (Japan) 1958, v. 12, no. 9,
p. 607-612.

DESCRIPTORS: *Paper, *Nylon, Manufacturing methods,
*Synthetic fibers.

(Materials--Paper, TT, v. 9, no. 1)

60-18931

I. Maematsu, R.
II. Shozuki, K.
III. Title: Studies . . .

60-18931

Office of Technical Services

Studies on the Utilization of Synthetic Fibre.
Part I. The Fundamental Experiments on the
Manufacture of Nylon Paper, by R. Maematsu,
K. Shozuki.

JAPANESE, per, Journal of Japan Tappi, Vol XII,
No 9, 1958, pp 607-612.

NLL M. 2617

Asia - Japan
Sci - ENgr
Exon
Nov 61

174,420

Infrared Absorption Spectra of Various
Phosphorus Compounds. I. Alkali Ortho-
phosphates, by A. Mitschin, K. Maennchen,
9 pp.

GERMAN, paper, Z fuer Analytische Chemie
Vol CLXI, 1957, pp 241-248.

SLA 60-19168

Sci
Vol IV, No 5
Mar 62

188,459

Process for Fabrication of Special Paper Cloth,
by Hiroo Maeno, Yoshiyuki Matsumoto, Toshio
Takahashi, 719
JAPANESE, patent, 7038/1963, cl. 27 E O, appl.
38328/1959, 10 Dec 59, pub. 25 May 63, by
Ningoku Pulp Industries Co
SA Code P 313

Hiroo Maeno

Sci - Mat
May 67

325,971

(NY-5008)

Experiments Conducted With the Use of Electron
Tubes, by Ma-erh Ko-lin, 7 pp.

CHINESE, per, Wu-li T'ung-pao, No 4, 1960,
pp 184, 185.

JPRS 5834

Sci - Electron

134, 228

Dec 60

Modulation of Light ~~at~~ by Means of a Vibrating
Quartz Crystal, by H. E. R. Becker, W. Hanle,
O. Maercks, 5 pp.

GERMAN, per, Phys Z, Vol XXXVII, No 11, 1 Jun
1936, pp 414-415.

S.L.A. Tr 57-330

Sci - Physics
Jun 57

48, 784

Flak-Scallops -- a Defect of Sheet-Steel Annealing,
by Rudolf Knaeuper, 34 pp.
GERMAN, par, Sprachsam, Vol XCV, 1962, pp 316-326.
ARC-AI-Tr-39

Sci-Phys
Mar 64

232,837

Comparison of Various Mathematical Methods To
Calculate the Slowing-Down Density In A Heavy
Medium, by F. Le Berre, R. Maerker, 42 pp.

FRENCH, ^{et} ~~par~~, Commissariat a l'Energie Atomique,
Centre' d'Etudes Nucleaires, Fontenay-aux-Roses,
1963.

AEC-Tr-6055

Sci-Math
Jan 64

248.333

Calculation of the streaming effect in a center 114
Void Channel of a Reactor by means of a fictitious
acoustic representation, by Hans Maerkel.
GHT-20, per, Nukleonik, Vol 6, 1964, pp 288-290.
SEC 44-tr-205

HANS MAERKL

Sci/Nuclear Sci
APR 67

320,692

Mine-Gas Recovery Techniques, by Maerks.

GERMAN, per, Bergbau, Vol X, No 7, 1959,
pp 154-162.

NCB A.1870
P.526

Sci

Aug 61

List No 41

163,551

The Use of Counter Pressure in a High Capacity Blast
Furnace, by P. Maartens, U. Delings.

FRENCH, rpt, Journees Internationales de Siderurgie,
Nov 1962, pp 213-229.

BISI 3027

Sci - M/M
Sept 63

345, 139

Preliminary Smelting Trials of Iron-Ore Pellets
in the Blast Furnace, by P. Maertens, A. Poos.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 12,
1961, pp 778-782.

HB 5193

Sci - Engr

170,117

Sep 61

(NY-6430)

Rotation in the Agricultural Production Co-
operatives (LPG), by D. Maertin, 15 pp.

GERMAN, per, Markklesberg Oeffnet Seine
Tore, Supplement to Wissenschaftlich-Tech
Fortschritt fuer die Landwirtschaft, No 4,
(61), pp 31-34.

JPRS 13124

EUR - Germany
Econ
Apr 62

189,887

Maes, E.
THE DETERMINATION OF WATER ABSORPTION IN
FLOUR WITH THE HELP OF PENETROMETER.
[1963] [8]p. 6 refs.
Order from SLA \$1.10

63-14966

Partial trans. (sects. 2-4) of Brot und Gebäck (West
Germany) 1957, v. 11, no. 9, p. 187-189.

DESCRIPTORS: *Water, Absorption, *Flour, Bread,
Bakery products.

A penetrometer was developed which could be of help
in small bakeries for determination of dough consis-
tency and by doing this it should be possible to add the
right amount of water in kneading process for absorp-
tion for flour within 0.5%.

(Food, TT, v. 10, no. 5)

63-14966

1. Title: penetrometer
1. Maes, E.

A242772

Office of Technical Services

41
**Flour Protein Solubility and Baking Quality. III.
Continuous Progressive Extraction, by E. Mace.
GERMAN, por. Barrois and Muhl, Vol XII, No 6,
1962, pp 70-72.
GB/1962/Anon**

**Sci - B/M
Apr 64**

257,269

Irradiation of Grain and Flour in Belgium,
by E. Maes, A. Deschreider, G. Peeters, 12 pp.

GERMAN, ner, Getreide und Mehl, Vol IX, 1959,
pp 117-119.

AEC NP-Tr-515

Sci - Biol
Apr 61

149,571

Improving Methods of Colorimetric Micro-
determination of Boron, by G. Martin, M. Wren. 1952.

FRANCE, par, Bulletin de la Soc de Chim Biol,
Vol XXXIV, No 12, 1952, pp 1178-1182.

British Iron and Steel IAC
(no number given)

Sci - Chem
Sep 59

98, 280

11/10

Studies on the Histopathology of Experimental
Malignant Tumors Produced by the Simultaneous
Mixed Transplantation of Mouse Carcinoma and
Sarcoma (Takizawa Strains), by Motoaki Maesaka,
7 pp.

Full translation.

JAPANESE, per, Gann (The Japanese Journal of Cancer
Research), Vol XLI, No 2-3-4, Dec 1950, pp 132-134.

CIA/FDD/X-929

Scientific - Medicine Jul 53 CTS/DEX

3538

ing Students to Speak, by Alexandur Caraman,
Lucia Maesco-Caraman, 8 pp.
RUMANIAN, per, Revista de Pedagogie, Vol XIII,
No 2, 1964, pp 84-87.
JPRS 24710

EE-Rumania
Soc
Jun 64

260,712

48
**Teratology: Total Absence of the Olfactory Nerves
With Anomalia in a Person With Congenital Atrophy
of the Tongue and Palate, by A. Mangrove de San Juan.
SPAINISH, par, El Siglo Veintiuno, No. 3, 1955, pp. 211.
1955 3-3-55**

**Sci-B & M Sci
May 54**

231,223

on the Theory of Chemisorption, by O. Marbach, 16 pp.

RESEARCH, per, Physics and Chem Solids, 7: Vol XXI,
Oct 1961, pp 33-39.

ABC SCL-T-402

Sci - Phys, Chem
May 62

198,538

the Metallurgy of the Basic Converter Process,
W. Gelsen. H. Maetz.

EMAN, per, Archiv fuer Eisenhuettenwesen, Vol XIX,
48, pp 111-117.

BISI 2292

1 - Min/Met

1 61

16,069

Arguments in Favor of the Independence of the Mechanisms of Action of Various Neurohypophyseal Peptides on the Osmotic Flow of Water and the Active Transport of Sodium in the Same Receptor; Studies on the Bladder and Skin of *Rana Esculenta* L, by J. Bourguet, J. Maetz.

FRENCH, per, Biochim Biophys Acta, Vol LII, 1961, pp 552-565.

NIH 6-3-63

Sci - Biol/Med & Sci

Aug 63

343,549

Carbonic Anhydrase in Two Related Teleosteans. Study
in Vivo of Inhibition by Sulfamides, by J. Maetz, 7 pp.

FRENCH, per, Comptes Rendus Soc Biol, Vol CXLVII,
1953, pp 207-210.

SLA Tr 57-1269

Sci - Medicine
Feb 58

59,543

Carbonic Anhydrase in Two Related Teleosteans.
Comparison of the Anhydrase Activity in Perca and
Serranus, by J. Maetz, 6 pp.

FRENCH, par, Comptes Rendus Soc Biol, Vol CXLVII,
1953, pp 204-205.

SLA Tr 57-1288

Sci - Medicine
Feb 58

59,542

OHLSEN, W.

MAITZ, H.

Mitteilungen k. w. inst. eisenf., 23, No. 12, 1 figure.
1700-word abstract; 1941.

Metallurgical Significance of Behavior of Fluorspar
and Calcium Phosphates Toward Ferrous Oxide in Liquid
State.

Brutcher Trans. Order No. 1967. \$1.90.

A 7423

OELSEN, W.
HARTZ, H.

Stahl und eisen, vol. 69, 1949, pp. 147-153; 5
figures, 6 tables, 5900 words.

Contributions to Blast Furnace Metallurgy.

Brutcher Trans, Order No. 2500, \$9.80.

A 7424

WIBTRUP, H.
HARTZ, H.
HELLER, P.

Archiv Fur Das Eisenhüttenwesen, vol. 20, 1949,
#3-4, pp. 139-150; 17 figures, 3 tables, 5200
word condensation.

Reactions of Titanium Oxide-containing Lime-
Silicon Slags with Pig Iron, As a Basis for the
Smelting of Titaniferous Iron Ores.

Brutcher Trans, Order No. 2543, \$ 9.75.

A-4035

Effect of Basic Oxides Upon the Desulfurization in the
Blast Furnace, Part I, by B. Weilandt, H. Maetz,
W. Oelsen.

GERMAN, per, Archiv für das Eisenhüttenwesen, Vol XXIII,
No 5-6, 1952, pp 153-168.

Brutcher Trans No 2950

Scientific - Metallurgy, Chemistry, iron ores, oxides,
blast furnace, zetasilicates

A 7425

Effects of Basic Oxides Upon the Desulfurization in
the Blast Furnace, Part II, by B. Wellandt, H. Maetz,
W. Oelsen.

Full translation.

GERMAN, per, Archiv fur das Eisenhüttenwesen, Vol XXIII,
No 5-6, 1952, pp 168-172.

Brutcher Tr No 2951

EEur - Germany

Scientific - Sulfur, blast furnace, oxides

A 7426

ULBRICHT'S PARTY DESCRIBES ITSELF, BY ERNST-
OTTO MAETZKE, 22 PP.

GERMAN, PER, FRANKFURTER ALLGEMEINE ZEITUNG,
NO 7, JAN 1963, P 11.

JPRS 17232

EEUR - GERMANY

POL .

JAN 63

220,384

SCIENTIFIC-TECHNICAL MEETING ON THE USE OF
CHEMICAL AND BIOLOGICAL MEANS IN ANIMAL HUSBANDRY,
BY N. MAEV, 5 PP.

BULGARIAN, PER, SELSKOSTOPMANSKA NAUKA, NO 4/5,
1962, PP 558-561.

JPRS 15504

EEUR - BULGARIA
ECON
OCT 62

212,841

The Results of Six Years of Phenological Observations on the Common Malaria Mosquito *Anopheles maculipennis* Mg. (Diptera, Culicidae) in the Northern Districts of Belorussia, by A. G. Maevskiy. 10 pp.

RUSSIAN, per, Entomolog Obozr., Vol XXXVII, No 3, 1958, pp 630-640.

AIES

Sci-
Jun 61

137,053

Aurantine and Its Effect on Experimental
Tumors, by M. M. Maevskiy, I. A. Avdeyeva,
E. A. Romanenko; 7 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 4,
1959, pp 43-49.

CB

164,405

Sci

Aug 61

Ocehotto's Speech: The Class War and the
New Historical Bloc, by Miriam Mafai, 5 pp.

ITALIAN, up, l'Unita, Vol XXXIX, No 284, 28 Oct
1962, p 12.

JPRS 16225

Wthr - Italy
Pol
Rev 62

217,642

ITALIAN COMMUNIST YOUTH HOLD 17TH FGCI
CONGRESS 25-28 OCTOBER 1962. BY
MIRIAM MAFAI, 6 PP.

ITALIAN, NP, L'UNITA, NO 43, 29 OCT 1962, P 11.

JPRS 16442

WEUR - ITALY
PXXOL.
DEC 622

217,244

Chemical Aspects of the Uraniferous Zirconium
Ore of Pocos de Caldas, Brazil, by F. J.
Maffei, et al.

PORTUGUESE, paper P/134, Proceedings of Inter-
national Conference on Peaceful Uses of Atomic
Energy Held at Geneva 8-20 Aug 1955, Vol VIII.

Internatl Conf -- UN

Sci - Nuclear Physics

Apr 57

46,076
CIA 1-669.9.162

Maffei, G. and Miani, P.
STRUCTURES OF THE EAR IN EXPERIMENTAL
TABAGIC INTOXICATION. [1962] [34p] 43refs
Order from SLA \$3.60 TT-64-10667

Trans. of Archivio Italiano di Otolgia [Rinologia,
e Laringologia] 1960, v. 71, p. 164-189.
Another trans. is available from K-H \$41.25 as
K-H-10809-d [1962].

TT-64-10667

I. Maffei, G.
II. Miani, P.

104936

(Biological Sciences--Pathology, TT, v. 12, no. 2)

Office of Technical Services

62-22542

Maffei, Giacomo.
TOBACCO POISONING OF THE EAR: VALUE OF
THE NICOTINE-LOAD TEST (CLINICAL AND
EXPER. RES.). [1962] 44p.
Order from K-H \$55.00 K-H 6871-c

Trans. of Arch[ivio] Ital[iano di Otologia, Rinologia,
e] Laring[ologia] 1954, v. 62, July/Aug, p. 235-262.

DESCRIPTORS: *Tobacco, *Poisoning, *Ear,
*Nicotine.

- I. Maffei, G.
- II. Title: Value ...
- III. K-H-6871-c
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223284

(Biological Sciences--Pathology, TT, v. 8, no. 8)

Office of Technical Services

Maffei, Giacomo and Miani, Pietro.

EXPERIMENTAL TABAGIE INTOXICATION: GENERAL NOTIONS AND CRITERIA OF METHOD IN THE STUDY OF ORGANS OF OTORHINOLARYNGOLOGICAL PERTINENCY. Oct 60, 26p.
Order from K-H \$32.50 K-H 10332-b

Trans. of Ateneo Parmense (Italy) 1959, v. 30, suppl. 1, p. 150-168.

DESCRIPTORS: Smokes, *Toxicity, *Tobacco, *Nicotine, Cigarettes, Otorhinolaryngology.

(Biological Sciences- Pathology, TT, v. 8, no. 8)

62-17508

- I. Title: Tabagism
- I. Maffei, G.
- II. Miani, P.
- III. Title: General ...
- IV. K-H-10332-b
- V. Kresge-Hooker Science Library Associates, Detroit, Mich.

C223183

Office of Technical Services

Clinical and Laboratory Observations on the
Diuretic Activity of Hydrochlorothiazide, by
R. Maffei, E. Errigo, 14 p.

ITALIAN, per, Minerva Medica, 1959, Vol L,
No 42, pp 1625-1628.

SLA 59-17484

Sci
Jan 60
Vol 2, No 9

105,935

Chromatographic Separation of Tannic Acids From Their
Derivatives, by Giunio Bruto Crippa, Silvio Maffei,
5 pp.

ITALYAN, per, Annali de Chimica, Vol XXXI, No 10,
1941, pp 453-456.

SIA 60-10536

Sci
Jun 60
Vol III, No 5

119,067

Contribution to the Knowledge of the P-Diazines.
II. 2-Phenazinsulfonic Acid, by Silvio Maffei,
16 pp.

Full translation.

ITALIAN, per, Gazzetta Chimica Italiana, Vol LXXX,
No 8-9-10, Aug, Sep-Oct 1950, pp 651-657.

CIA/FDD/X-885

Scientific - Medicine

Jun 53 CTS

2777

Process For the Direct Production of Terephthalic Acid Esters From p-Dialkyl-Benzenes and Aliphatic Alcohols, by Umberto and Fragiacomo Maffezzoni, Mario, 11 pp.

FRERCH, patent, 1,170,821, by Montecatini, applied for 10 Jan 57, granted 29 Sept 58, pub 19 Jan 59. (Patent applied for in Italy in the name of the petitioner, 16 Jan 56).

SLA 59-15008

Sci

Oct 59 Vol 2, No 3

100,956

60
Process for the Polymerization of 1,3-
Butadiene, by G. Marullo, U. Maffezzoni,
E. Sassi
ITALIAN, PATENT 620 030
NTC 69-11599-070

U. Maffezzoni

Sci-Chem
July 69

386,629

Method For The Direct Production of Esters of
Terephthalic Acid From p-DialkylBenzenes and
Aliphatic Alcohols, by U. Maffezzoni, M. Fragiaccione,
3rd pp.

FRENCH, patent, 1,170,821, granted 29 Sep 58,
pub 19 Jan 59.

ATS-30L30F

Sci
Oct 59
Vol 2, No 3

100,955

Maffezzoni, Umberto and Alberi, Enzo.
DIMETHYL TEREPHTHALATE FROM p-XYLENE BY
SIMULTANEOUS OXIDATION AND ESTERIFICATION
(Dimetiltereftalato da p-Xilene per Ossidazione ed
Esterificazione Contemporanea). 23 Sep 62 [20]p.
(foreign text included) 11 refs.
Order from SLA \$1.60

62-18817

Trans. of la Chimica e l'Industria (Italy) 1962, v. 44,
no. 6, p. 631-635.

DESCRIPTORS: *Dacron, *Polyethylene plastics,
*Phthalates, Methyl radicals, Synthesis, *Xylenes,
Oxidation, Esterification, Catalysts, Methanols.

At the present time dimethyl terephthalate is produced
on an industrial scale in two separate stages of
oxidation and esterification. A new process permits
this ester to be obtained in one single step by means of
(Materials--Textiles, TT, v. 9, no. 11) (over)

62-18817

I. Maffezzoni, U.
II. Alberi, E.

62-18817

Office of Technical Services

Process For the Direct Production of Terephthalic Acid Esters From p-Dialkyl-Benzenes and Aliphatic Alcohols, by Umberto and Francesco Maffezzoni, Chimic, 11 pp.

FRENCH, patent, 1,170,821, by Montecatini, applied for 10 Jan 57, granted 29 Sept 58, pub 19 Jan 59. (Patent applied for in Italy in the name of the petitioner, 16 Jan 56).

SLA 59-15008

Sci

Oct 59 Vol 2, No 3

100,956

Maffii, G., Soncin, E., and Virga, R.
THE 14 α -HYDROXYLATION IN 11-DESOXYCORTI-
COSTERONE (DOC) AND IN 17-HYDROXY-11-DES-
OXYCORTICOSTERONE (COMPOUND S). Pt. I of
Some Aspects of the Relationships between Corticoid
Activity and Steroid Molecular Structure. [1962] 8p.
Order from ATS \$12.75 ATS-47P59I

Trans. of Sperimentale; [Archivio di Biologia Normale e
Patologica] (Italy) 1957, v. 107, no. 1, p. 12-23.

DESCRIPTORS: Hydroxyl radical, *Adrenal cortical
extract, *Steroids, *Molecular structure, *Drugs.

(Biological Sciences--Pharmacology, TT, v. 8, no. 5)

62-17169

- I. Maffii, G.
- II. Soncin, E.
- III. Virga, R.
- IV. Title: Some ...
- V. ATS-47P59I
- VI. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/1041-IJ
C222689

Office of Technical Services

Maffii, G. and Cirga, R.
DEHYDROGENATION IN POSITIONS 1-2, 5-6, AND
8-14 IN 17-HYDROXY-11-DESOXYCORTICOSTERONE
(COMPOUND S) AND IN OTHER STEROIDS. Pt. 2 of
Some Aspects of the Relationships between Corticoid
Activity and Steroid Molecular Structure. [1962] 6p.
Order from ATS \$8.90 ATS-46P591

Trans. of Sperimentale; [Archivio di Biologia Normal
e Patologica] (Italy) 1957, v. 107, no. 1, p. 24-32.

DESCRIPTORS: *Dehydrogenation, *Adrenal cortical
extract, *Steroids, *Molecular structure, *Drugs.

(Biological Sciences--Pharmacology, TT, v. 8, no. 5)

62-17168

- I. Maffii, G.
- II. Cirga, R.
- III. Title: Some...
- IV. ATS-46P591
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/1042-IJ

C222688

Office of Technical Services

Production Statistics in the Shipbuilding Industry of Rumania,
by N. Mahal, 3 pp.
RUMANIAN, per, Revista de Statistica, No 11, 1963, pp 66-69.

JPRS 23533

EE-Rumania
Econ
Mar 64

231, 411

(NY-6498)

An Apparatus for Registering and Diagnosing
Disorders of the Rhythmic Function of the
Heart, by M. L. Zettin, V. S. Gorokhov,
A. L. Mafusova, et al, 21 pp.

RUSSIAN, per, Iz VUZ, MVO, Radiofiz,
Vol IV, No 1, 1961, pp 165-172.

JPRS 10349

Sci
Nov 61.

174,890

New Year's Speech and the 1962 National Budget, by
President Maga, 5 pp. UNCL

FRENCH, Incl 1 to Desp 105, AmEmbassy, Cotonou,
18 Jan 1962; CERP B-200.

Dept of State

NE/A - Africa
Pol
Feb 62

Disturbances of Diurnal and Nocturnal Variations
of Several Physiological Functions in Neurosis, by G.
G. G. Magakyan, D. I. Miminoshvili, 3 pp.

RUSSIAN, per, Biulleten Eksperimental'noi Biologii
i Meditsiny, Vol ^{VI} 42, No 3, 1955, pp 27-29.

NIH 9-18-61

178,795
100 - 100

Jan 62

Experimental Hexone Pharmacotherapy of Hypertonia
and Coronary Insufficiency in Monkeys, by A. A.
Belous, G. O. Magakyan, 6 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XX, No 2, 1955
pp 15-20.

Consultants Bureau

Sci - Med

Apr 58

62,324

Ore Deposits: Economic Types of Metallic Mineral
Deposits, by I. G. Magak'yan.

RUSSIAN, mono Rudnye Mestorozhdeniya: Promyshlennye
Tipy Mestorozhdenny Metallicheskih Poleznikh
Iskopaniykh, Yerevan, 1961, 548 pp.

*AGI

Sci
Jul 63

Molecular Ions Formed During Detonation of a Proton
from the NH Group XV. Sulfonium Compounds Containing
an Amino Group in the Ortho-Position to the Sulfur
Atom, by A. M. Simonov, U. K. Grib, N. V. Magak'yan,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XX, No 8, 1960,
pp 2680-2683.

4. Fran]

CE

168, 789

Sci

Sep 61

DNA CONSTANCY IN RELATION TO NEW EVIDENCE CONCERNING
ITS CONTENT IN ISOLATED NUCLEI OF EMBRYOS OF PEKING
AND MUSEL DUCKS AND THEIR F1 HYBRIDS, BY YU. A.
NAGAYAN, 10 PP.

RUSSIAN, PER, ZHUR GOSKH B101, NO 5, 1963,
PP 358-359.

JPRS 22129

SCI-B101
DEC 63

244,218

Disadvantages of the Rapid Weighing Method
for Measuring Transpiration, by C. Franco, A.
Magalhães.

FRENCH, per, Phyton, Vol 20, No 2, 1963, pp 87-95
CSIBO/116 6937

A. MAGALHAES

Sci-
Jul 67

334,966

Exantematous Typhus of Brazil; Role of the Dog
(C Familiaris) in the Constitution of Foci of Infection
5 in *by O. Magalhães, A. Rocha.*

PORTUGUESE, *ver*, Brasil Med., Vol LVI, 1942, pp 355-370

SA 57- 1528

Sci- Medicine
Mar 58

60,486

An Equation for the Diffusion in Phase Space
for Nonlinear Systems, by V. B. Magalinskiy,
Ya. P. Tarletskiy, 3 pp.

RUSSIAN, per Zhur Zhoper 1 Secret File, Vol XXXVI
(9), No 6, 1959, pp 1731-1734.

5
Amer Inst of Phys
Sov Phys-JETP

Ecl

Jan 60

106,791

Angular Momentum and Parity Conservation Laws
in the Statistical Theory of Multiple Production, by
V. B. Magalinskiy, 3 pp.

RUSSIAN, per, Zhur Eksp 1 Teoret Fiz, Vol XXXVI,
No 1 (2), pp 93-97.

Amer Inst of Phys
Sov Phys - JETP
~~1977, No 1~~

Aug 59

93, 987

The Application of the Microcanonical Distribution
to the Statistical Theory of Multiple Production
of Particles, by V. B. Magalinskiy, Ya. P. Tarletskiy,
6 pp.

RUSSIAN, no par, Zhur Eksp i Teoret Fiz,
Vol XXIII, No 3, pp 584-591.

Amer Inst of Phys
Sov Phys-JETP
Vol V, No 3

Sci - Physics
Eov 57

55, 834

Statistical Mechanics of Systems With Conservation
of Charge and its Application to the Theory of
Multiple Production of Particles, by V. B.
Kogalinski, Ia. P. Terletski, 7 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Sr Fiz,
Vol XIX, No 6, 1955, pp 617-623.

Columbia Tech Tr

Sci - Physics

Apr 57 CTS

43,616
Avail Br 5 Lib

Calculation of Coordinate Probabilities by
Gibbs Method, by V. B. Magalinskiy, Ya. P.
Terletskiy, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXXIV, No 3, 1958, pp XXX 729-734.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 3

Sci - Physics

Oct 58

75,384

V
The Statistics of Charge-Conserving Systems and Its
Application to the Theory of Multiple Production,
by V. B. Magalinskiy, Ya. P. Terletskiy, 5 pp.

RUSSIAN, bino per, Zhur Eksper i Teoret Fiz, Vol XXIX,
June 1955, pp 151-157. CIA C 41569

Aug

American Inst of Physics

Scientific - Physics
May 56 CTS/dex

33,575

83
Transformation of Homologues of Indole into
Quinoline Derivatives, by G. Maganavini.
ITALIAN, per, Gazzetta Chimica Italiana,
Vol 17, pp 246-254, 1937 9239760
AEC NP-Tr-1244

G. MAGANAVINI

Sci-Chem
Nov 68

291,943

Infrared Ray Gas Burner for Small Heating Stoves,
for Stoves in General and for Industrial Uses,
by Fulvio Maganza, 4 pp.

ITALIAN, Patent No 529,640.

IS Dept of Commerce
Patent Office
Sci Lib

Sci
Aug 61

164, 832

Preparation of Iron Single Crystals by Zone
Melting, by H. Hillman, A. Mager.

GERMAN, per, Z fuer Metallkunde, Vol LI, Nov
1960, pp 663-666.

BISI 2146

Sci - Min/Mat

May 61

150,836

Detection and Determination of Naphthalenesulfonic
Acid in the Presence of Beta-Isomer, by A. P.
Terent'Yev, K. K. Magaran; 10 p.

RUSSIAN, per, Moscow, U. Uchenyye Zapiski,
1936, No 6, pp 207-211.

SLA 59-17812

Sci
Apr 60
Vol III, No 2

111, 665

An Automatic Scintillation Counter for Studying
Wear of Machinery, by K.N. Magarik, S.S.
Nikol'skiy, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 12, 1959,
pp 1512-1514.

Instruc Sec of Amer

135,411

Sci
Jan 61

The Optical Anisotropy of Some Chain Molecules
Containing Benzene Rings, by V. N. Tsvetkov,
S. Ya. Magarik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 5, 1957
pp 911- /

Amer Inst of Phys
Sov Phys-"Doklady"
Vol II, No 4

Sci - Phys

May 58

63,715